

STATE OF TENNESSEE DEPARTMENT OF HEALTH ENVIRONMENTAL LABORATORIES

TDH: Lab Services JRL Lab Services - Jackson Regional Lab Jackson, TN 38301 731-426-0686

TDH: Lab Services KRL Lab Services - Knoxville Regional Lab Knoxville, TN 37920 865-549-5201

TDH: Lab Services NCL Lab Services - Nashville Central Lab Nashville, TN 37243 615-262-6300

Sent To:

Greg Denton

TDEC-WPC

6th Floor, L & C Tower Annex

401 Church Street

Nashville, TN 37243-1534

Michael Atchley TDEC-WPC

Knoxville FO

3711 Middlebrook Pike

Knoxville, TN 37921

Lab ID: K00002133

Knoxville Regional Laboratory

Sampling Agency: TDEC: Division of Water Pollution Control

Billing Code:

327.34-20

This is to certify that the following results were determined using good laboratory pratices and in accordance with federal or state approved methodologies.

Analytical Supervisor

K00002133001

Project Name:

TVA-Ash Spill

Sample Description:

Emory River mile 12.1 Lou Mee bridge

Sampler Project Name: TVA Ash Spill

Project Site No.:

Station No.:

EMORY012.1RO

Date/Time Collected:

01/27/2009 09:40

Sampler's Name:

Johnathon Burr

County: Sample Matrix: ROANE - 73

EFO:

Water

Sampling Agency:

Knoxville

Billing Code:

TDEC-WPC 327.34-20

Send Report To: Agency Invoiced:

TDEC-WPC **TDEC-WPC**

Priority Date:

Date/Time Received:

01/27/2009 13:45

Received By:

Ken Hitchman

Field Determinations

pH:

7.88

pH Units

uMHO

Chlorine, residual:

Conductivity:

52 5.7

Temperature: **Dissolved Oxygen: 13.68**

mg/L

Other:

Flow:

CFS

TEST: Alkalinity, Total	MET					
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Alkalinity	12	mg/L	3.8	10	M Chen	1/29/2009

TEST: Hardness, Calcium	METHOD: SM 3500-Ca D					-
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Calcium hardness	23	mg/L	0.7	1	P Leathers	1/30/2009

TEST: Residue, Settleable	METHOD: SM 2540F					
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Settleable Residue	U	ml/L	0.10	0.10	P Leathers	1/28/2009

TEST: Residue, Suspended	ME.					
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Suspended Solids	U	mg/L	10	10	A Peeples	1/30/2009

J - Estimated value between MDL and MQL

MDL - Method Detection Limit

MQL - Method Quantitation Limit

K00002133002

Project Name:

TVA-Ash Spill

Sample Description:

Sampler Project Name: TVA Ash Spill

Emory River mile 2.1

Project Site No.:

Station No.:

EMORY002.1RO

Date/Time Collected:

01/27/2009 09:45

Sampler's Name:

Larry Everett

County: **Sample Matrix:** **ROANE - 73**

EFO:

Water

Sampling Agency:

Knoxville

Billing Code:

TDEC-WPC 327.34-20

Send Report To: Agency Invoiced:

TDEC-WPC TDEC-WPC

Priority Date:

Date/Time Received:

01/27/2009 13:45

Received By:

Ken Hitchman

Field Determinations

pH:

7.80

pH Units

Chlorine, residual:

Conductivity:

48

uMHO

Temperature:

3.53 Dissolved Oxygen: 13.24

mg/L

Other:

Flow:

CFS

TEST: Alkalinity, Total	METHOD: EPA 310.2					
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Alkalinity	15	mg/L	3.8	10	M Chen	1/29/2009

TEST: Hardness, Calcium	ME.					
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Calcium hardness	22	mg/L	0.7	1	P Leathers	1/30/2009

TEST: Residue, Settleable	METHOD: SM 2540F					<u> </u>
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Settleable Residue	U	ml/L	0.10	0.10	P Leathers	1/28/2009

TEST: Residue, Suspended	METHOD: SM 2540D					
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY	DATE
Total Suspended Solids	18	mg/L	10	10	A Peeples	1/30/2009

J - Estimated value between MDL and MQL

MDL - Method Detection Limit MQL - Method Quantitation Limit

K00002133003

Project Name:

TVA-Ash Spill

Sample Description:

Sampler Project Name: TVA Ash Spill

Emory River mile 1.7

Project Site No.:

Station No.:

Date/Time Collected:

EMORY001.7RO

Sampler's Name:

01/27/2009 10:08

County:

Larry Everett ROANE - 73

Sample Matrix:

Water

EFO: Sampling Agency: Knoxville

Billing Code:

TDEC-WPC 327.34-20

Send Report To: Agency Invoiced:

TDEC-WPC **TDEC-WPC**

Priority Date:

Date/Time Received:

01/27/2009 13:45

Received By:

Ken Hitchman

TEST: Alkalinity, Total	MET					
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Alkalinity	120	mg/L	3.8	10	M Chen	1/29/2009

Field Determinations

Dissolved Oxygen: 11.29

Chlorine, residual:

Conductivity:

Temperature:

7.92

203

6.94

pH Units

uMHO

mg/L

CFS

pH:

Other:

Flow:

TEST: Hardness, Calcium	METHOD: SM 3500-Ca D					
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Calcium hardness	97	mg/L	0.7	1	P Leathers	1/30/2009

TEST: Residue, Settleable	METHOD: SM 2540F					
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Settleable Residue	U	ml/L	0.10	0.10	P Leathers	1/28/2009

TEST: Residue, Suspended	ME	THOD: SM 254				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Suspended Solids	U	mg/L	10	10	A Peeples	1/30/2009

J - Estimated value between MDL and MQL

MDL - Method Detection Limit

MQL - Method Quantitation Limit

K00002133004

Project Name:

TVA-Ash Spill

Sample Description:

Emory River mile 1.7 duplicate

Sampler Project Name: TVA Ash Spill

Project Site No.:

Station No.: EMORY001.7RO-FD **Date/Time Collected:**

Sampler's Name:

01/27/2009 10:15 Larry Everett

County:

ROANE - 73

Sample Matrix:

Water

EFO:

Knoxville

Sampling Agency:

TDEC-WPC 327.34-20

Billing Code: Send Report To:

TDEC-WPC TDEC-WPC

Agency Invoiced: **Priority Date:**

Date/Time Received:

01/27/2009 13:45

Received By:

Ken Hitchman

Field Determinations pH: 7.92

Chlorine, residual:

Conductivity:

203 **uMHO**

Temperature:

6.94 Dissolved Oxygen: 11.29

mg/L

pH Units

Other:

Flow:

CFS

TEST: Alkalinity, Total	ME.			•		
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Alkalinity	110	mg/L	3.8	10	M Chen	1/29/2009

TEST: Hardness, Calcium	METHOD: SM 3500-Ca D						
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE	
Calcium hardness	90	mg/L	0.7	1	P Leathers	1/30/2009	

TEST: Residue, Settleable	ME	THOD: SM 254				
ANALYTE	RESULT	UNITS	MDL	MQL.	ANALYZED BY:	DATE
Settleable Residue	U	ml/L	0.10	0.10	P Leathers	1/28/2009

TEST: Residue, Suspended	METHOD: SM 2540D				÷ .		
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE	
Total Suspended Solids	U	mg/L	10	10	A Peeples	1/30/2009	

J - Estimated value between MDL and MQL

MDL - Method Detection Limit

MQL - Method Quantitation Limit

K00002133005

Project Name:

TVA-Ash Spill

Sample Description:

Emory River mile 1.7 field blank

Sampler Project Name: TVA Ash Spill

Project Site No.:

Station No.:

EMORY001.7RO-FB

Date/Time Collected:

01/27/2009 10:20

Sampler's Name:

Larry Everett

County:

ROANE - 73

Sample Matrix:

Water

EFO:

Knoxville

Sampling Agency:

TDEC-WPC

Billing Code:

327.34-20 TDEC-WPC

Send Report To: Agency Invoiced:

TDEC-WPC

Priority Date:

Date/Time Received:

01/27/2009 13:45

Received By:

Ken Hitchman

Field Determinations

:Hq

Chlorine, residual: Conductivity: Temperature:

Dissolved Oxygen:

Other:

Flow:

CFS

TEST: Alkalinity, Total	ME					
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Alkalinity	U	mg/L	3.8	10	M Chen	1/29/2009

TEST: Hardness, Calcium	METHOD: SM 3500-Ca D					
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Calcium hardness	U	mg/L	0.7	1	P Leathers	1/30/2009

TEST: Residue, Settleable	METHOD: SM 2540F						
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE	
Settleable Residue	Ú ·	ml/L	0.10	0.10	P Leathers	1/28/2009	

TEST: Residue, Suspended	METHOD: SM 2540D					
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Suspended Solids	U	mg/L	10	10	A Peeples	1/30/2009

J - Estimated value between MDL and MQL

MDL - Method Detection Limit MQL - Method Quantitation Limit

K00002133006

Project Name:

TVA-Ash Spill

Sample Description:

Sampler Project Name: TVA Ash Spill

Emory River mile 0.1

Project Site No.:

Station No.:

EMORY000.1RO

Date/Time Collected:

01/27/2009 10:30

Sampler's Name:

Larry Everett

County:

ROANE - 73

Sample Matrix: EFO:

Water

Sampling Agency:

Knoxville

Billing Code:

TDEC-WPC 327.34-20

Send Report To: Agency Invoiced:

TDEC-WPC **TDEC-WPC**

Priority Date:

Date/Time Received:

01/27/2009 13:45

Received By:

Ken Hitchman

Field Determinations

:Ha

Chlorine, residual:

203

pH Units

Conductivity:

uMHO

Temperature:

6.98 **Dissolved Oxygen: 11.27**

7.95

mg/L

Other:

Flow:

CFS

TEST: Alkalinity, Total	ME					
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Alkalinity	110	mg/L	3.8	10	M Chen	1/29/2009

TEST: Hardness, Calcium	METHOD: SM 3500-Ca D					
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Calcium hardness	92	mg/L	0.7	1	P Leathers	1/30/2009

TEST: Residue, Settleable	METHOD: SM 2540F					
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Settleable Residue	U	ml/L	0.10	0.10	P Leathers	1/28/2009

TEST: Residue, Suspended ANALYTE	ME					
	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Suspended Solids	24	mg/L	10	10	A Peeples	1/30/2009

J - Estimated value between MDL and MQL

MDL - Method Detection Limit MQL - Method Quantitation Limit

K00002133007

Project Name:

TVA-Ash Spill

Sample Description:

Sampler Project Name: TVA Ash Spill

Clinch River mile 2.3 near Hwy 70 Bridge

Project Site No.:

5

Station No.: CLINC002.3RO

Date/Time Collected:

01/27/2009 10:45

Sampler's Name: County:

Larry Everett

Sample Matrix:

ROANE - 73

EFO:

Water

Sampling Agency:

Knoxville TDEC-WPC

Billing Code: Send Report To: 327.34-20 TDEC-WPC

Agency Invoiced:

TDEC-WPC

Priority Date:

Date/Time Received:

01/27/2009 13:45

Received By:

Ken Hitchman

Field Determinations

pH:

7.87

pH Units

Chlorine, residual:

Conductivity:

181

uMHO

Temperature: **Dissolved Oxygen: 11.58**

7.74

· mg/L

Other:

Flow:

CFS

TEST: Alkalinity, Total	METHOD: EPA 310.2					
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Alkalinity	100	mg/L	3.8	10	M Chen	1/29/2009

TEST: Hardness, Calcium	ME.	THOD: SM 350	0-Ca D			
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Calcium hardness	90	mg/L	0.7	1	P Leathers	1/30/2009

TEST: Residue, Settleable	ME	THOD: SM 254	0F	MQL ANALYZED BY: DAT		
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Settleable Residue	U	ml/L	0.10	0.10	P Leathers	1/28/2009

TEST: Residue, Suspended	ME.	THOD: SM 254	0D			
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Suspended Solids	U	mg/L	10	10	A Peeples	1/30/2009

J - Estimated value between MDL and MQL

MDL - Method Detection Limit

MQL - Method Quantitation Limit

K00002133008

Project Name:

TVA-Ash Spill

pH:

Other:

Flow:

Field Determinations

Dissolved Oxygen: 11.28

pH Units

Sample Description:

Clinch River mile 4.5 near Sugar Grove Valley F Chlorine, residual:

uMHO

Sampler Project Name: TVA Ash Spill **Project Site No.:**

Conductivity: Temperature:

204 7.13

7.96

mg/L

CFS

Station No.:

CLINC004.5RO

01/27/2009 11:00

Date/Time Collected: Sampler's Name:

Larry Everett

County:

ROANE - 73

Sample Matrix:

Water

EFO:

Knoxville

Sampling Agency: Billing Code:

TDEC-WPC 327.34-20

Send Report To: Agency Invoiced:

TDEC-WPC TDEC-WPC

Priority Date:

Date/Time Received:

01/27/2009 13:45

Received By:

Ken Hitchman

TEST: Alkalinity, Total	METHOD: EPA 310.2					
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Alkalinity	120	mg/L	3.8	10	M Chen	1/29/2009

TEST: Hardness, Calcium	ME ⁻	THOD: SM 350	0-Ca D			
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Calcium hardness	88	mg/L	0.7	1	P Leathers	1/30/2009

TEST: Residue, Settleable	ME	THOD: SM 254	0F			:
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Settleable Residue	U	ml/L	0.10	0.10	P Leathers	1/28/2009

TEST: Residue, Suspended	ME	THOD: SM 254	0D			
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Total Suspended Solids	U	mg/L	10	10	A Peeples	1/30/2009

J - Estimated value between MDL and MQL

MDL - Method Detection Limit

MQL - Method Quantitation Limit



STATE OF TENNESSEE DEPARTMENT OF HEALTH **ENVIRONMENTAL LABORATORIES**

TDH: Lab Services JRL Lab Services - Jackson Regional Lab Jackson, TN 38301 731-426-0686

TDH: Lab Services KRL Lab Services - Knoxville Regional Lab Knoxville, TN 37920 865-549-5201

TDH: Lab Services NCL Lab Services - Nashville Central Lab Nashville, TN 37243 615-262-6300

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6th Floor, L & C Tower Annex

401 Church Street

Nashville, TN 37243-1534

Michael Atchley TDEC-WPC

Knoxville FO

3711 Middlebrook Pike Knoxville, TN 37921

Lab ID: K00002133

Knoxville Regional Laboratory

Sampling Agency: TDEC: Division of Water Pollution Control

Billing Code:

327.34-20

This is to certify that the following results were determined using good laboratory pratices and in accordance with federal or state approved methodologies.

Analytical Supervisor

K00002133001

Project Name:

TVA-Ash Spill

Sample Description:

Sampler Project Name: TVA Ash Spill

12.1 Lou Mee bridge

Project Site No.:

Station No.:

EMORY012.1RO

Date/Time Collected: Sampler's Name:

01/27/2009 09:40

County:

Johnathon Burr **ROANE - 73**

Sample Matrix:

EFO:

Water Knoxville

Sampling Agency: **Billing Code:**

TDEC-WPC 327.34-20

Send Report To: Agency Invoiced: **TDEC-WPC** TDEC-WPC

Priority Date:

Date/Time Received:

01/27/2009 13:45

Received By:

Ken Hitchman

Field Determinations 7.88 pH:

Chlorine, residual:

Conductivity:

52 5.7 uMHO

pH Units

Temperature:

Dissolved Oxygen: 13.68

mg/L

Other: Flow:

CFS

TEST: Digestion Metals	METHOD: EPA 200.2					
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Digestion Metals	01/28/2009				M Pattanayek	1/28/2009

TEST: ICP METHOD: EPA 200.7						
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Iron	100	μg/L	2.9	10	A Bass	1/27/2009

TEST: ICP-MS	ME	THOD: EPA 20	0.8			*****
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Aluminum	56	μg/L	6.4	10	M Pattanayek	1/28/2009
Antimony	· U	μg/L	0.33	1	M Pattanayek	1/28/2009
Arsenic	U	μg/L	0.93	5	M Pattanayek	1/28/2009
Barium	24	μg/L	2.5	5	M Pattanayek	1/28/2009
Beryllium	U	μg/L	0.11	1	M Pattanayek	1/28/2009
Cadmium	U	μg/L	0.41	1	M Pattanayek	1/28/2009
Chromium	U	μg/L	2.0	5	M Pattanayek	1/28/2009
Cobalt	0.28J	μg/L	0.04	1	M Pattanayek	1/28/2009
Copper	0.94J	μg/L	0.38	1	M Pattanayek	1/28/2009
Lead	0.12J	μg/L	0.10	1	M Pattanayek	1/28/2009
Manganese	35	μg/L	0.42	1	M Pattanayek	1/28/2009
Nickel	1.3	μg/L	0.25	1	M Pattanayek	1/28/2009
Selenium	U	μg/L	1.3	5	M Pattanayek	1/28/2009
Silver	U	μg/L	0.03	0.25	M Pattanayek	1/28/2009
Thallium	0.18J	μg/L	0.03	1	M Pattanayek	1/28/2009
Vanadium	U	μg/L	3.4	5	M Pattanayek	1/28/2009
Zinc	15	μg/L	1.9	5	M Pattanayek	1/28/2009

K00002133001

Project Name:

TVA-Ash Spill

Sample Description:

12.1 Lou Mee bridge

Sampler Project Name: TVA Ash Spill

Project Site No.:

1

Station No.:

EMORY012.1RO

Date/Time Collected: Sampler's Name:

01/27/2009 09:40

County:

Johnathon Burr

Sample Matrix:

ROANE - 73

EFO:

Water

Sampling Agency:

Knoxville

Billing Code: **Send Report To:** TDEC-WPC 327.34-20

Agency Invoiced:

TDEC-WPC TDEC-WPC

Priority Date:

Date/Time Received:

01/27/2009 13:45

Received By:

TEST: Mercury

Ken Hitchman

MET	HOD: EF	A 245.1

Field Determinations

Dissolved Oxygen: 13.68

Chlorine, residual:

Conductivity:

Temperature:

pH:

Other:

Flow:

7.88

52

5.7

pH Units

uMHO

mg/L

CFS

ANALTIE	RESULI	UNITS	MDL	MQL	ANALTZEU BY:	DATE
Mercury	U	μg/L	0.13	0.2	A Wilson	1/29/2009

J - Estimated value between MDL and MQL

MDL - Method Detection Limit

MQL - Method Quantitation Limit

K00002133002 TVA-Ash Spill

Project Name: Sample Description:

Emory River mile 2.1

Sampler Project Name: TVA Ash Spill

Emory River mile 2.

Project Site No.:

2

Station No.:

EMORY002.1RO

Date/Time Collected: Sampler's Name:

01/27/2009 09:45

County:

Larry Everett ROANE - 73

Sample Matrix: EFO:

Water

Sampling Agency:

Knoxville

Billing Code:

TDEC-WPC 327.34-20 TDEC-WPC

Send Report To: Agency Invoiced:

TDEC-WPC

Priority Date:

Date/Time Received:

01/27/2009 13:45

Received By:

Ken Hitchman

TEST: Digestion Metals	MET	THOD: EPA 20	0.2			
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Digestion Metals	01/28/2009				M Pattanavek	1/28/2009

Field Determinations

Dissolved Oxygen: 13.24

Chlorine, residual:

Conductivity:

Temperature:

7.80

48

3.53

pH Units

uMHO

mg/L

CFS

pH:

Other:

Flow:

TEST: ICP METHOD: EPA 200.7							
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE	
Iron	430	μg/L	2.9	10	A Bass	1/27/2009	

TEST: ICP-MS	ME.	THOD: EPA 20	0.8			
ANALYTE	RESULT	UNITS	MDL.	MQL	ANALYZED BY:	DATE
Aluminum	600	μg/L	6.4	10	M Pattanayek	1/28/2009
Antimony	U	μg/L	0.33	1	M Pattanayek	1/28/2009
Arsenic	4.4J	μg/L	0.93	5	M Pattanayek	1/28/2009
Barium	37	μg/L	2.5	5	M Pattanayek	1/28/2009
Beryllium	U	μg/L	0.11	1	M Pattanayek	1/28/2009
Cadmium	U	μg/L	0.41	1	M Pattanayek	1/28/2009
Chromium	U	μg/L	2.0	5	M Pattanayek	1/28/2009
Cobalt	0.62J	μg/L	0.04	1	M Pattanayek	1/28/2009
Copper	1.9	μg/L	0.38	1	M Pattanayek	1/28/2009
Lead	0.94J	μg/L	0.10	1	M Pattanayek	1/28/2009
Manganese	61	μg/L	0.42	1	M Pattanayek	1/28/2009
Nickel	1.8	μg/L	0.25	1	M Pattanayek	1/28/2009
Selenium	U	μg/L	1.3	5	M Pattanayek	1/28/2009
Silver	U	μg/L	0.03	0.25	M Pattanayek	1/28/2009
Thallium	0.18J	μg/L	0.03	1	M Pattanayek	1/28/2009
Vanadium	· U	μg/L	3.4	5	M Pattanayek	1/28/2009
Zinc	5.0	μg/L	1.9	5	M Pattanayek	1/28/2009

K00002133002

Project Name:

TVA-Ash Spill

Sample Description:

Emory River mile 2.1

Sampler Project Name: TVA Ash Spill

Project Site No.:

2

Station No.:

EMORY002.1RO

Date/Time Collected:

01/27/2009 09:45

Sampler's Name: County:

Larry Everett ROANE - 73

Sample Matrix:

EFO:

Water Knoxville

Sampling Agency:

TDEC-WPC

Billing Code: Send Report To: 327.34-20 TDEC-WPC

Agency Invoiced:

TDEC-WPC

Priority Date:

Date/Time Received:

01/27/2009 13:45

Received By:

Ken Hitchman

Field Determinations

pH:

7.80

pH Units

Chlorine, residual:

Conductivity:

48

uMHO

Temperature:

3.53

Dissolved Oxygen: 13.24

mg/L

Other:

Flow:

CFS

TEST: Mercury METHOD: EPA 245.1						
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Mercury	U	μg/L	0.13	0.2	A Wilson	1/29/2009

J - Estimated value between MDL and MQL

MDL - Method Detection Limit

MQL - Method Quantitation Limit

K00002133003

Project Name:

TVA-Ash Spill

Sample Description:

Emory River mile 1.7

Sampler Project Name: TVA Ash Spill

Project Site No.:

Station No.:

EMORY001.7RO

Date/Time Collected: Sampler's Name:

01/27/2009 10:08

County:

Larry Everett

Sample Matrix:

ROANE - 73 Water

EFO: Sampling Agency: Knoxville

Billing Code: Send Report To: TDEC-WPC 327.34-20 TDEC-WPC

Agency Invoiced:

TDEC-WPC

Priority Date:

Date/Time Received:

01/27/2009 13:45

Received By:

Ken Hitchman

Field Determinations

pH: 7.92

Chlorine, residual:

pH Units

uMHO

mg/L

Conductivity: Temperature:

203

6.94

Dissolved Oxygen: 11.29 Other:

Flow:

CFS

TEST: Digestion Metals	METHOD: EPA 200.2						
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE	
Digestion Metals	01/28/2009				M Pattanayek	1/28/2009	

TEST: ICP METHOD: EPA 200.7						
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Iron	220	μg/L	2.9	10	A Bass	1/27/2009

TEST: ICP-MS	ME	ΓHOD: EPA 20	0.8			
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Aluminum	170	μg/L	6.4	10	M Pattanayek	1/28/2009
Antimony	U	μg/L	0.33	1	M Pattanayek	1/28/2009
Arsenic	U	μg/L	0.93	5	M Pattanayek	1/28/2009
Barium	37	μg/L	2.5	5	M Pattanayek	1/28/2009
Beryllium	U	μg/L	0.11	1	M Pattanayek	1/28/2009
Cadmium	U	μg/L	0.41	1	M Pattanayek	1/28/2009
Chromium	U	μg/L	2.0	5	M Pattanayek	1/28/2009
Cobalt	0.21J	μg/L	0.04	1	M Pattanayek	1/28/2009
Copper	2.3	μg/L	0.38	1	M Pattanayek	1/28/2009
Lead	0.44J	μg/L	0.10	1	M Pattanayek	1/28/2009
Manganese	28	μg/L	0.42	1	M Pattanayek	1/28/2009
Nickel	1.0	μg/L	0.25	1	M Pattanayek	1/28/2009
Selenium	U	μg/L	1.3	5	M Pattanayek	1/28/2009
Silver	U	μg/L	0.03	0.25	M Pattanayek	1/28/2009
Thallium	0.10J	μg/L	0.03	1	M Pattanayek	1/28/2009
Vanadium	U	μg/L	3.4	5	M Pattanayek	1/28/2009
Zinc	3.8J	μg/L	1.9	5	M Pattanayek	1/28/2009

K00002133003

Project Name:

TVA-Ash Spill

Sample Description:

Sampler Project Name: TVA Ash Spill

Emory River mile 1.7

Project Site No.:

Station No.:

EMORY001.7RO

Date/Time Collected: Sampler's Name:

01/27/2009 10:08

County:

Larry Everett ROANE - 73

Sample Matrix:

Water

EFO:

Knoxville

Sampling Agency: Billing Code:

TDEC-WPC 327.34-20

Send Report To: Agency Invoiced:

TDEC-WPC TDEC-WPC

Priority Date:

Date/Time Received:

01/27/2009 13:45

Received By:

TEST: Mercury

Ken Hitchman

ME	THOD:	EPA	245.1	

ANALYTE	RESULI	UNITS	MDL	MQL	ANALYZED BY:	DATE
Mercury	U	μg/L	0.13	0.2	A Wilson	1/29/2009

J - Estimated value between MDL and MQL

MDL - Method Detection Limit

MQL - Method Quantitation Limit

U - Undetected

7.92 pH:

Chlorine, residual:

203

pH Units

Conductivity:

uMHO

Temperature: Dissolved Oxygen: 11.29

6.94

mg/L

Other:

Flow:

CFS

K00002133004

Project Name:

TVA-Ash Spill

Sample Description:

Emory River mile 1.7 duplicate

Sampler Project Name: TVA Ash Spill

TVA Ash Spill

Project Site No.:

3

Station No.:

EMORY001.7RO-FD

Date/Time Collected:

01/27/2009 10:15

Sampler's Name:

Larry Everett

County:

ROANE - 73

Sample Matrix: EFO:

Water

Sampling Agency:

Knoxville

Billing Code:

TDEC-WPC 327.34-20

Send Report To: Agency Invoiced: TDEC-WPC

Priority Date:

Date/Time Received:

01/27/2009 13:45

Received By:

ANALYTE
Digestion Metals

Ken Hitchman

TEST: Digestion Metals	METHOD: EPA 200.2						
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE	

Field Determinations

Dissolved Oxygen: 11.29

Chlorine, residual:

Conductivity:

Temperature:

pH:

Other:

Flow:

7.92

203

6.94

M Pattanayek

pH Units

uMHO

mg/L

CFS

1/28/2009

TEST: ICP METHOD: EPA 200.7

01/28/2009

 ANALYTE
 RESULT
 UNITS
 MDL
 MQL
 ANALYZED BY:
 DATE

 Iron
 330
 μg/L
 2.9
 10
 A Bass
 1/27/2009

TEST: ICP-MS	MET	THOD: EPA 20	0.8					
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE		
Aluminum	300	μg/L	6.4	10	M Pattanayek	1/28/2009		
Antimony	U	μg/L	0.33	1	M Pattanayek	1/28/2009		
Arsenic	U	μg/L	0.93	5	M Pattanayek	1/28/2009		
Barium	40	μg/L	2.5	5	M Pattanayek	1/28/2009		
Beryllium	U	μg/L	0.11	1	M Pattanayek	1/28/2009		
Cadmium	U	μg/L	0.41	1	M Pattanayek	1/28/2009		
Chromium	U	μg/L	2.0	5	M Pattanayek	1/28/2009		
Cobalt	0.30J	μg/L	0.04	1	M Pattanayek	1/28/2009		
Copper	2.3	μg/L	0.38	1	M Pattanayek	1/28/2009		
Lead	0.51J	μg/L	0.10	1	M Pattanayek	1/28/2009		
Manganese	31	μg/L	0.42	1	M Pattanayek	1/28/2009		
Nickel	1.2	μg/L	0.25	1	M Pattanayek	1/28/2009		
Selenium	U	μg/L	1.3	5	M Pattanayek	1/28/2009		
Silver	U	μg/L	0.03	0.25	M Pattanayek	1/28/2009		
Thallium	0.09J	μg/L	0.03	1	M Pattanayek	1/28/2009		
Vanadium	U	μg/L	3.4	5	M Pattanayek	1/28/2009		
Zinc	4.0J	μg/L	1.9	5	M Pattanayek	1/28/2009		

K00002133004

Project Name:

TVA-Ash Spill

Sample Description:

Emory River mile 1.7 duplicate

Sampler Project Name: TVA Ash Spill

Project Site No.:

Station No.:

EMORY001.7RO-FD

Date/Time Collected: Sampler's Name:

01/27/2009 10:15

County:

Larry Everett

Sample Matrix:

ROANE - 73 Water

EFO: Sampling Agency:

Knoxville TDEC-WPC

Billing Code: Send Report To: Agency Invoiced: 327.34-20 TDEC-WPC TDEC-WPC

Priority Date:

Date/Time Received:

01/27/2009 13:45

Received By:

Ken Hitchman

TEST: Mercury	METHOD: EPA 245.1						
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE	
Mercury	U	μg/L	0.13	0.2	A Wilson	1/29/2009	

Field Determinations

Dissolved Oxygen: 11.29

Chlorine, residual: Conductivity:

Temperature:

:Ha

Other:

Flow:

7.92

203

6.94

pH Units

uMHO

mg/L

CFS

J - Estimated value between MDL and MQL

MDL - Method Detection Limit

MQL - Method Quantitation Limit

K00002133005

Project Name:

TVA-Ash Spill

Sample Description:

Emory river mile 1.7 field blank

Sampler Project Name: TVA Ash Spill

Project Site No.:

Station No.:

EMORY001.7RO-FB

Date/Time Collected: Sampler's Name:

01/27/2009 10:20

County:

Larry Everett

Sample Matrix:

ROANE - 73

EFO:

Water

Sampling Agency:

Knoxville

Billing Code:

TDEC-WPC 327.34-20

Send Report To: Agency Invoiced: TDEC-WPC TDEC-WPC

Priority Date:

Date/Time Received:

01/27/2009 13:45

Received By:

Ken Hitchman

Field Determinations

pH:

Chlorine, residual: Conductivity: Temperature: **Dissolved Oxygen:**

Other:

Flow:

CFS

TEST: Digestion Metals	T: Digestion Metals METHOD: EPA 200.2							
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE		
Digestion Metals	01/28/2009				M Pattanayek	1/28/2009		

TEST: ICP METHOD: EPA 200.7						
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Iron	U	μg/L	2.9	10	A Bass	1/27/2009

TEST: ICP-MS	ME-	THOD: EPA 200	0.8		· · · · · · · · · · · · · · · · · · ·	
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Aluminum	U	μg/L	6.4	10	M Pattanayek	1/28/2009
Antimony	U	μg/L	0.33	1	M Pattanayek	1/28/2009
Arsenic	U	μg/L	0.93	5	M Pattanayek	1/28/2009
Barium	U	μg/L	2.5	5	M Pattanayek	1/28/2009
Beryllium	U	μg/L	0.11	1	M Pattanayek	1/28/2009
Cadmium	U	μg/L	0.41	1	M Pattanayek	1/28/2009
Chromium	U	μg/L	2.0	5	M Pattanayek	1/28/2009
Cobalt	U	μg/L	0.04	1	M Pattanayek	1/28/2009
Copper	0.45J	μg/L	0.38	1	M Pattanayek	1/28/2009
Lead	U	μg/L	0.10	1	M Pattanayek	1/28/2009
Manganese	U	μg/L	0.42	1	M Pattanayek	1/28/2009
Nickel	U	μg/L	0.25	1	M Pattanayek	1/28/2009
Selenium	U	μg/L	1.3	5	M Pattanayek	1/28/2009
Silver	U	μg/L	0.03	0.25	M Pattanayek	1/28/2009
Thallium	0.04J	μg/L	0.03	1	M Pattanayek	1/28/2009
Vanadium	7.0	μg/L	3.4	5	M Pattanayek	1/28/2009
Zinc	U	μg/L	1.9	5	M Pattanayek	1/28/2009

K00002133005

Project Name:

TVA-Ash Spill

Sample Description:

Emory river mile 1.7 field blank

Sampler Project Name: TVA Ash Spill

Project Site No.:

Station No.:

EMORY001.7RO-FB

Date/Time Collected:

01/27/2009 10:20

Sampler's Name:

Larry Everett

County: Sample Matrix: ROANE - 73

EFO:

Water

Sampling Agency:

Knoxville TDEC-WPC

Billing Code: Send Report To: 327.34-20 TDEC-WPC TDEC-WPC

Agency Invoiced: **Priority Date:**

Date/Time Received:

01/27/2009 13:45

Received By:

Ken Hitchman

 	MDI	MOL	ANALYZED DV.	DATE	_
METHOD: EPA 245.	1				
 · ····································					_

Field Determinations

CFS

Chlorine, residual:

Conductivity:

Temperature: Dissolved Oxygen:

pH:

Other:

Flow:

TEST: Mercury **RESULT ANALYTE** UNITS ANALYZED BY: MDL MQL DATE U μg/L 0.13 0.2 A Wilson 1/29/2009 Mercury

J - Estimated value between MDL and MQL

MDL - Method Detection Limit MQL - Method Quantitation Limit

K00002133006

Project Name: TVA-Ash Spill

Sample Description: Sampler Project Name: TVA Ash Spill

Emory river mile 0.1

Project Site No.:

Station No.: Date/Time Collected:

EMORY000.1RO 01/27/2009 10:30

Sampler's Name:

Larry Everett

County: **Sample Matrix:** ROANE - 73

EFO:

Water Knoxville

Sampling Agency: Billing Code:

TDEC-WPC 327.34-20 TDEC-WPC

Send Report To: Agency Invoiced:

TDEC-WPC

Priority Date:

Date/Time Received:

01/27/2009 13:45

Received By:

Ken Hitchman

Field Determinations pH: 7.95

Chlorine, residual:

Conductivity: 203 Temperature: 6.98

Dissolved Oxygen: 11.27

Other:

CFS Flow:

pH Units

uMHO

mg/L

TEST: Digestion Metals	METHOD: EPA 200.2							
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE		
Digestion Metals	01/28/2009				M Pattanayek	1/28/2009		

TEST: ICP	MET	ΓHOD: EPA 20	0.7			
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Iron	230	μg/L	2.9	10	A Bass	1/27/2009

TEST: ICP-MS	MET	THOD: EPA 20	0.8			
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Aluminum	130	μg/L	6.4	10	M Pattanayek	1/28/2009
Antimony	Ū	μg/L	0.33	1	M Pattanayek	1/28/2009
Arsenic	U	μg/L	0.93	5	M Pattanayek	1/28/2009
Barium	36	μg/L	2.5	5	M Pattanayek	1/28/2009
Beryllium	U	μg/L	0.11	1	M Pattanayek	1/28/2009
Cadmium	U	μg/L	0.41	1	M Pattanayek	1/28/2009
Chromium	U	μg/L	2.0	5	M Pattanayek	1/28/2009
Cobalt	0.18J	μg/L	0.04	1	M Pattanayek	1/28/2009
Copper	1.3	μg/L	0.38	1	M Pattanayek	1/28/2009
Lead	0.31J	μg/L	0.10	1	M Pattanayek	1/28/2009
Manganese	30	μg/L	0.42	1	M Pattanayek	1/28/2009
Nickel	0.96J	μg/L	0.25	1	M Pattanayek	1/28/2009
Selenium	U	μg/L	1.3	5	M Pattanayek	1/28/2009
Silver	U	μg/L	0.03	0.25	M Pattanayek	1/28/2009
Thallium	0.05J	μg/L	0.03	1	M Pattanayek	1/28/2009
Vanadium	4.8J	μg/L	3.4	5	M Pattanayek	1/28/2009
Zinc	2.0J	μg/L	1.9	5	M Pattanayek	1/28/2009

K00002133006

Project Name:

TVA-Ash Spill

Sample Description:

Emory river mile 0.1

Sampler Project Name: TVA Ash Spill

Project Site No.:

Station No.:

EMORY000.1RO

Date/Time Collected:

01/27/2009 10:30

Sampler's Name: County:

Larry Everett

Sample Matrix:

ROANE - 73

EFO:

Water Knoxville

Sampling Agency: **Billing Code:**

TDEC-WPC 327.34-20

Send Report To: Agency Invoiced:

TDEC-WPC TDEC-WPC

Priority Date:

Date/Time Received:

01/27/2009 13:45

Received By:

Ken Hitchman

TEST: Mercury	METHOD: EPA 245.1							
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE		
Mercury	U	µg/L	0.13	0.2	A Wilson	1/29/2009		

Field Determinations

Dissolved Oxygen: 11.27

Chlorine, residual:

Conductivity:

Temperature:

7.95

203

6.98

pH Units

uMHO

mg/L

CFS

:Hq

Other:

Flow:

J - Estimated value between MDL and MQL

MDL - Method Detection Limit

MQL - Method Quantitation Limit

K00002133007

Project Name:

TVA-Ash Spill

Sample Description:

Clinch River mile 2.3 near Hwy 70 Bridge

Sampler Project Name: TVA Ash Spill

Project Site No.:

5

Station No.:

CLINC002.3RO

Date/Time Collected:

01/27/2009 10:45

Sampler's Name: County:

Larry Everett

Sample Matrix:

ROANE - 73

EFO:

Water Knoxville

Sampling Agency: Billing Code:

TDEC-WPC 327.34-20

Send Report To: **Agency Invoiced:**

TDEC-WPC TDEC-WPC

Priority Date:

Date/Time Received:

01/27/2009 13:45

Received By:

Ken Hitchman

*			

Field Determinations

Dissolved Oxygen: 11.58

Chlorine, residual:

Conductivity:

Temperature:

7.87

181

7.74

pH Units

uMHO

mg/L

CFS

pH:

Other: Flow:

TEST: Digestion Metals	MET					
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Digestion Metals	01/28/2009				M Pattanayek	1/28/2009

TEST: ICP METHOD: EPA 200.7						
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Iron	190	μg/L	2.9	10	A Bass	1/27/2009

TEST: ICP-MS	METHOD: EPA 200.8					
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Aluminum	130	μg/L	6.4	10	M Pattanayek	1/28/2009
Antimony	U	μg/L	0.33	1	M Pattanayek	1/28/2009
Arsenic	U	μg/L	0.93	5	M Pattanayek	1/28/2009
Barium	36	μg/L	2.5	5	M Pattanayek	1/28/2009
Beryllium	U	μg/L	0.11	1	M Pattanayek	1/28/2009
Cadmium	U	μg/L	0.41	1	M Pattanayek	1/28/2009
Chromium	U	μg/L	2.0	5	M Pattanayek	1/28/2009
Cobalt	0.21J	μg/L	0.04	1	M Pattanayek	1/28/2009
Copper	1.8	μg/L	0.38	1	M Pattanayek	1/28/2009
Lead	0.31J	μg/L	0.10	1	M Pattanayek	1/28/2009
Manganese	32	µg/L	0.42	1	M Pattanayek	1/28/2009
Nickel	1.1	μg/L	0.25	1	M Pattanayek	1/28/2009
Selenium	U	μg/L	1.3	5	M Pattanayek	1/28/2009
Silver	U	μg/L	0.03	0.25	M Pattanayek	1/28/2009
Thallium	0.05J	μg/L	0.03	1	M Pattanayek	1/28/2009
Vanadium	7.9	μg/L	3.4	5	M Pattanayek	1/28/2009
Zinc	2.8J	μg/L	1.9	5	M Pattanayek	1/28/2009

K00002133007

Project Name:

TVA-Ash Spill

Sample Description:

Clinch River mile 2.3 near Hwy 70 Bridge

Sampler Project Name: TVA Ash Spill

Project Site No.:

5

Station No.:

CLINC002.3RO

Date/Time Collected:

01/27/2009 10:45

Sampler's Name: County:

Larry Everett

Sample Matrix:

ROANE - 73

EFO:

Water Knoxville

Sampling Agency:

TDEC-WPC

Billing Code: Send Report To: 327.34-20 TDEC-WPC

Agency invoiced:

TDEC-WPC

Priority Date:

Date/Time Received:

01/27/2009 13:45

Received By:

Ken Hitchman

TEST: Mercury	ME.	METHOD: EPA 245.1				
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Mercury	U	μg/L	0.13	0.2	A Wilson	1/29/2009

Field Determinations

Dissolved Oxygen: 11.58

Chlorine, residual:

Conductivity:

Temperature:

7.87

181

7.74

pH:

Other: Flow:

pH Units

uMH0

mg/L

CFS

J - Estimated value between MDL and MQL

MDL - Method Detection Limit

MQL - Method Quantitation Limit

K00002133008

Project Name:

TVA-Ash Spill

Field Determinations

pH:

7.96

pH Units

Sample Description:

Clinch River mile 4.5 near Sugar Grove Valley rc Chlorine, residual:

Sampler Project Name: TVA Ash Spill

Conductivity:

uMHO

Project Site No.: Station No.:

Temperature:

204 7.13

Date/Time Collected:

CLINC004.5RO 11:00 **Dissolved Oxygen: 11.28**

mg/L

Sampler's Name:

01/27/2009 Larry Everett

ROANE - 73

Other: Flow:

CFS

County: Sample Matrix:

Water

EFO:

Knoxville

Sampling Agency: **Billing Code:**

TDEC-WPC 327.34-20

Send Report To: Agency invoiced:

Date/Time Received:

TDEC-WPC TDEC-WPC

Priority Date:

01/27/2009 13:45

Received By:

Ken Hitchman

TEST: Digestion Metals	METHOD: EPA 200.2					
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Digestion Metals	01/28/2009				M Pattanayek	1/28/2009

TEST: ICP METHOD: EPA 200.7							
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE	
Iron	150	μg/L	2.9	10	A Bass	1/27/2009	

TEST: ICP-MS	METHOD: EPA 200.8					
ANALYTE	RESULT	UNITS	MDL	MQL	ANALYZED BY:	DATE
Aluminum	100	μg/L	6.4	10	M Pattanayek	1/28/2009
Antimony	2.1	μg/L	0.33	1	M Pattanayek	1/28/2009
Arsenic	U	μg/L	0.93	5	M Pattanayek	1/28/2009
Barium	35	μg/L	2.5	5	M Pattanayek	1/28/2009
Beryllium	U	μg/L	0.11	1	M Pattanayek	1/28/2009
Cadmium	U	μg/L	0.41	1	M Pattanayek	1/28/2009
Chromium	U	μg/L	2.0	5	M Pattanayek	1/28/2009
Cobalt	0.17J	μg/L	0.04	1	M Pattanayek	1/28/2009
Copper	1.1	μg/L	0.38	1	M Pattanayek	1/28/2009
Lead	0.25J	μg/L	0.10	1	M Pattanayek	1/28/2009
Manganese	34	μg/L	0.42	1	M Pattanayek	1/28/2009
Nickel	0.92J	μg/L	0.25	1	M Pattanayek	1/28/2009
Selenium	U	μg/L	1.3	5	M Pattanayek	1/28/2009
Silver	0.03J	μg/L	0.03	0.25	M Pattanayek	1/28/2009
Thallium	0.18J	μg/L	0.03	1	M Pattanayek	1/28/2009
Vanadium	U	μg/L	3.4	5	M Pattanayek	1/28/2009
Zinc	U	μg/L	1.9	5	M Pattanayek	1/28/2009

K00002133008

Project Name:

TVA-Ash Spill

Sample Description:

Clinch River mile 4.5 near Sugar Grove Valley rc Chlorine, residual:

Field Determinations

Dissolved Oxygen: 11.28

Conductivity:

Temperature:

7.96

204

7.13

pH Units

uMHO

mg/L

CFS

pH:

Other:

Flow:

Sampler Project Name: TVA Ash Spill **Project Site No.:**

Station No.:

Date/Time Collected:

CLINC004.5RO

Sampler's Name:

01/27/2009 11:00 **Larry Everett**

County:

ROANE - 73

Sample Matrix:

Water

EFO: Sampling Agency: Knoxville

Billing Code:

TDEC-WPC 327.34-20 TDEC-WPC

Send Report To: **Agency Invoiced:**

TDEC-WPC

Priority Date:

Date/Time Received:

01/27/2009 13:45

Received By:

Ken Hitchman

TEST: Mercury METHOD: EPA 245.1						
ANALYTE	RESULT	RESULT UNITS MDL		MQL	ANALYZED BY:	DATE
Mercury	U	μg/L	0.13	0.2	A Wilson	1/29/2009

J - Estimated value between MDL and MQL

MDL - Method Detection Limit

MQL - Method Quantitation Limit